## Health and Safety Big Data Research in Mining (Machine Learning)



Project Title	Health and Safety Big Data Research in Mining (Machine Learning)
Project Summary	Join our project team at point of inception to research machine learning options using health and safety leading indicator data provided by frontline workers: clean and tag data, perform testing, and develop requirements to help identify predictors of workplace incidents.
Country	United States

#### **Project Description**

Opportunity to prepare and integrate large datasets of daily health and safety process and behavioral data using machine learning approaches to explore predictive utility. Project assignments will be based on experience and interest or based on the current needs of the organization but are likely to include:

- Data extraction, clean-up, correlation, and analysis from Excel and unstructured text, with Power BI, and using other open source data analysis software tools such as R, R-studio, and Python. Should have experience with not only data analysis but design thinking and research knowledge.

### **Required Skills or Interests**

Skill(s)
Coding
Data analysis
Data visualization
Design thinking
Research

#### **Additional Information**

Not required but, if applicable, feel free to submit a description of prior big data/machine learning experience or

projects.

# **Language Requirements**

None